

# MATERIAL SAFETY DATA SHEET

Empire Industries  
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Brentwood, TN 37037

GENERAL INFORMATION NUMBER: (866) 553-6747

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## I - Product Identification

### Floor Buff

**PRODUCT CODE:** 1714

**CHEMICAL FORMULATION:** Water based floor restorer.

**NFPA HAZARD IDENTIFICATION SYSTEM:** **HEALTH:** 1                      **FLAMMABILITY:** 0                      **REACTIVITY:** 0  
**HAZARD RATING:**                      4 - Extreme;                      3 - High;                      2 - Moderate;                      1 - Slight;                      0 - Insignificant

## II - Hazardous Ingredients

Values reported as TWA unless noted.

<u>SUBSTANCE</u>	<u>APPROX</u> <u>%</u>	<u>OSHA</u> <u>PEL</u>	<u>ACGIH</u> <u>TLV</u>	<u>EPA 40 CFR:</u>			<u>CAS #</u>
				<u>302</u>	<u>355</u>	<u>372</u>	
Nonionic Surfactant	1.00-5.00	N/E	N/E	N	N	N	26027-38-3

Key: **PEL:** Permissible Exposure Limit    **TLV:** Threshold Limit Value    **C:** Ceiling level    **STEL:** Short Term Exposure Limit  
**N/A:** Not Applicable    **N/D:** Not Determined    **N/E:** Not Established    **Y:** Yes    **N:** No  
**302:** CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).  
**355:** SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).  
**372:** SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

## III - Physical Data

**BOILING POINT (°F):** N/D                      **SPECIFIC GRAVITY (WATER = 1):** 1.00  
**VAPOR PRESSURE (mm Hg):** N/D                      **VOC CONTENT (% by weight):** N/D  
**VAPOR DENSITY (AIR = 1):** N/D                      **EVAPORATION RATE (WATER = 1):** N/D  
**SOLUBILITY IN WATER:** Soluble                      **pH:** 7.50 – 8.50  
**APPEARANCE AND ODOR:** Clear, colorless liquid, mild odor.

## IV - Fire and Explosion Hazard Data

**FLASH POINT (°F):** N/A                      **(TEST METHOD):**  
**FLAMMABLE LIMITS IN AIR (VOLUME %)**                      **UPPER:** N/A                      **LOWER:** N/A  
**EXTINGUISHING MEDIA:** Water, foam, carbon dioxide, dry chemical.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Firefighters should be equipped with full protective gear including self-contained breathing apparatus. Fire may produce hazardous vapors.  
**UNUSUAL FIRE AND EXPLOSION HAZARD:** None.

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**V - Reactivity Data**

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**STABILITY:** Stable**INCOMPATIBILITY:** Strong acids.**CONDITIONS TO AVOID:** None.**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon.**HAZARDOUS POLYMERIZATION:** Will not occur.**CONDITIONS TO AVOID:** None

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**VI - Health Hazard Data**

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**ROUTES OF ENTRY INHALATION:**      **EYE CONTACT:** X      **SKIN CONTACT:** X      **INGESTION:** X  
**INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS:** None**EFFECTS OF OVEREXPOSURE****IF IN EYES:** Mild irritation.**IF ON SKIN:** Prolonged contact can cause mild irritation defatting and dermatitis.**IF SWALLOWED:** Gastrointestinal irritation, nausea, diarrhea.**IF INHALED:** Nasal and respiratory irritation.**EMERGENCY AND FIRST AID PROCEDURES****IF IN EYES:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.**IF ON SKIN:** Flush skin with water. Remove contaminated clothing and launder separately before reuse. If irritation persists, obtain medical attention.**IF SWALLOWED:** Contact physician or poison control center immediately. Rinse mouth with water and give affected person 1 to 2 glasses of water. Do not induce vomiting. Never give anything to an unconscious person.**IF INHALED:** Remove person to fresh air.

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**VII - Spill or Leak Protection**

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**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Ventilate area. Contain spill. Soak up on absorbent material and place in a properly labeled closed container for disposal.**WASTE DISPOSAL METHOD:** Consult local environmental authorities.

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**VIII - Special Protection Information**

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**RESPIRATORY PROTECTION:** Use with adequate ventilation.**VENTILATION****LOCAL:** Recommended**MECHANICAL:** Not required**PROTECTIVE GLOVES:** Chemical resistant.**EYE PROTECTION:** Safety glasses or chemical goggles.**OTHER PROTECTIVE EQUIPMENT:** Protective clothing.**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place. Do not freeze. Keep container tightly closed when not in use.**OTHER PRECAUTIONS:** Keep out of reach of children.

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**IX - Transportation Information (ground transportation only)**

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**DOT PROPER SHIPPING NAME:** None**DOT CLASS:** None**DOT ID NUMBER:** None**DOT PACKING GROUP:** None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

**REVISION DATE:** June 25, 2004**Prepared by:** PMR**DATE OF ISSUE:** April 27, 2006

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